

Bell Housing Stand

by Tom Endy

A simple wooden stand made from a 2X4 makes it much easier to work on a Model A Ford bell housing. It also provides a good place to store an extra bell housing. One five foot length of lumber will build one stand. The hardware used are 5/16" lag and hex bolts.

The 2X4 is cut into four pieces. The Tall vertical piece is 21", the cross piece is 18", the base is 12", the piece on the end is 8" with the top cut at a 1/2" angle. The 8" piece is optional and is used to support the weight of a transmission if one is attached.



Newly constructed bell housing stand.

The large hole (1 1/8" diameter) offset at the center of the tall 21" vertical piece is to provide clearance for the nose of the input shaft if a transmission is attached. It is drilled only partway through.

The critical dimensions are the hole for the mounting of the top of the bell housing. It is drilled 1 5/8" from the top and 1" from the right edge on the back side. A 3 1/2" hex bolt is used at this location. The large hole for the transmission input shaft nose is drilled 9 1/4" from the top, and also 1" from the right edge. The bottom mounting hole for the bell housing is determined after the bell housing is in place on the top mounting bolt. The 1 1/2" lag is used to secure the bottom.

The other lag and hex bolt holes are drilled to accommodate the attachment of the four pieces. Care should be taken so that none of the attachment bolts conflict with one another. The use of carpenter's glue during assembly adds strength to the stand.



Bottom side of stand. Care should be taken so that none of the five attachment bolts conflict with one another.



Mounted bell housing with transmission housing attached.

Required hardware (all 5/16")

- 5 - lags bolts @ 3"
- 1 - lag bolt @ 1 1/2"
- 3 - hex bolts @ 3 1/2"
- 3 - hex nuts
- 12 - flat washers